

**AMENDMENT**

**Amendments to the Claims**

Claims 1-32 (canceled)

33.(currently amended)    An polymer memory, comprising:

a first non-transparent electrode;

a polymer structure;

a first protective layer between the first non-transparent electrode and the polymer memory structure; [[and]]

a second non-transparent electrode coupled to the polymer memory structure;

a second protective layer between the between the second non-transparent electrode and the polymer structure; and

a damascene structure comprising the first non-transparent electrode and the first protective layer, wherein the polymer structure comprises:

a first polymer layer coupled to the first protective layer;

a second polymer layer coupled to the first polymer layer; and

a third polymer layer coupled to the second polymer layer.

34.( previously added)    The polymer memory of claim 33, wherein the first non-transparent electrode comprises aluminum or copper.

35.(currently amended) The polymer memory of claim 33, further comprising:

~~a second protective layer between the~~ ~~between the second non-transparent electrode and the polymer structure,~~ wherein the second non-transparent electrode comprises aluminum or copper and wherein the second protective layer comprises titanium and nitride.

Claims 36 and 37 (canceled)

38.( previously added) The polymer memory of claim 33, wherein the polymer structure is a single, crystalline ferroelectric polymer layer having a thickness in a range from about 100 Å to about 2,000 Å.